UNITED STATES OTTER QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-POWDER RIVER CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 106°15′ 45°15′ 12'30" 10' R 45 E R 46 E 10 11 12 16 17 15 13 17 14 23 20 21 22 19 24 12'30" 12'30" 29 28 30 27 26 25 31 35 12 10 11 13 15 14 18 24 106°07′30″ R. 45 E. R. 46 E. Base from U.S. Geological Survey, 1972 Compiled in 1977 SCALE 1:24 000 1 KILOMETRE UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE OTTER QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY
E. J. McKAY AND L. N. ROBINSON
1979

PLATE 20
STRUCTURE CONTOUR MAP
OF THE LOCAL COAL BED
BETWEEN THE COOK AND

CANYON COAL BEDS

OPEN-FILE REPORT

This report has not been edited for conformity with U.S. Geological Survey

editorial standards or stratigraphic no-

OPEN FILE REPORT 79-105

PLATE 20 OF 59

EXPLANATION

STRUCTURE CONTOURS—Drawn on top of the coal bed.

beyond boundary of Reserve Base coal. Contour interval 20 feet (6.1 m). Datum is

COAL--Drawn along the outcrop of coal bed or the contact between burned and unburned coal where the coal bed is 5 feet (1.5 m) or more thick, and the 5-foot (1.5-m) coal isopach. Arrows point

toward area of Reserve Base

coal. Number is altitude, in feet, of top of coal bed

To convert feet to meters, multiply feet by 0.3.

Dashed where projected

mean sea level.

at triangle.

BOUNDARY OF RESERVE BASE

menclature